|  | <br> | lain |  |
|--|------|------|--|
|  |      |      |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|
| 10/695,407              | BECKMANN ET AL.                         |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |
| Scott Sun               | 2182                                    |  |  |  |  |  |  |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |             | L  | ٠  |          | _             | _        | J            |              | <u> </u>      |               |
|--|-------------|--|--|----------|---------------|----------|--------------|--------------|---------------|---------------|
| Cla  | im          | Date   |  |          |               |          |              |              |               | _             |
| C  E   | 1011        | ├-   | _  | _        | <del>'</del>  | 781      | <del>-</del> | ·            | _             | لــــا        |
| Final  | Original    | 6/24/06  | 12/10/2  | -        |               |          |              | :            |               |               |
| ┝  | 1           | 1  | 7  | F        | -             | -        | ┝            | ┝            | $\vdash$      | -             |
| <del>                                     </del> |             | H  | Y  | _        | ⊢             | ┢        | ┝            | ┝            |               | Н             |
| $\vdash$   | 3           | ╁╂╴  | ╫  | -        | -             | $\vdash$ | ┢            | $\vdash$     | H             | Н             |
| $\vdash$   | 4           | H  | ╫  | ┝        | ┢             | ┢        | ┢╌           | ┝┈           | -             | Н             |
| <b>-</b>   | 5           | +  | ╫  | $\vdash$ | ⊢             | $\vdash$ | $\vdash$     | ⊢            | $\vdash$      | Н             |
| _  | 5<br>6<br>7 | #-   | ╫  | _        | $\vdash$      | $\vdash$ | ┢            | ┢            | $\vdash$      | Н             |
|  | 7           | H  | 1  | ┝        | -             | $\vdash$ | $\vdash$     | Н            | Н             | Н             |
|  | 8           | 1  | 1  | Г        | $\overline{}$ | $\vdash$ | _            | ┪            | Н             |               |
|  | 9           | 1  |  | Г        | $\overline{}$ | _        | _            | $\vdash$     | _             | _             |
|  | 10          | Ħ  |  |          |               | _        | _            | _            | _             | Н             |
|  | 11          | Ħ  |  |          |               | _        |              | Г            |               | $\overline{}$ |
|  | 12          | Π  |  |          |               |          |              | $\vdash$     | Г             | П             |
|  | 12<br>13    | П  |  |          |               |          |              |              |               | П             |
|  | 14          | П  |  |          | -             |          |              | Г            |               |               |
|  | 15          | $\Box$   |  |          |               |          |              |              |               |               |
|  | 16          | П  | $\sqcap$   |          |               |          |              |              |               |               |
|  | 17          | 17.  | $\Gamma$   |          |               |          |              |              |               |               |
|  | 18          | П  | П  |          |               |          |              |              |               |               |
|  | 19          | П  | П  |          |               |          |              |              |               |               |
|  | 20          | II.  | $\Pi$  |          |               |          |              |              |               |               |
|  | 21          | $\prod$  | $\Pi$  |          |               |          |              |              |               |               |
|  | 22          | $\prod$  | $\coprod$  |          |               |          |              |              |               |               |
|  | 23          | $\prod$  | $\coprod$  |          |               |          |              |              |               |               |
|  | 24          |  | Ш  |          |               |          |              |              |               |               |
|  | 25          | Ш  | Ш  |          |               |          |              |              |               |               |
| L  | 26          | Ш.   | Ш  |          |               |          | L            | <u> </u>     | L             |               |
|  | 27<br>28    | Ц_   | Щ  |          |               |          | _            | L            |               |               |
|  | 28          | Щ_   | Ш  |          |               | _        |              | <u> </u>     | Щ             |               |
| L  | 29          | ₩.   | ╨  | _        |               |          | <u> </u>     | <u> </u>     | ļ             | Ш             |
| <u> </u>   | 30          | <del>  </del> _                                  | ₩.   | _        |               |          | _            | _            | Ļ             |               |
|  | 31<br>32    | -  | ₩  | _        | _             | ١.,      | Ŀ            | ┡            | $\vdash$      | Н             |
| $\vdash$   | 33          | -  | #-   | _        | -             | -        | -            | ļ            | L             | Н             |
| $\vdash$   | 34          | ╟  | -  | ├        | ├             | Ι        | ├-           | ١            | <del>  </del> | Н             |
|  | 35          | ₩-   | -  | $\vdash$ | -             | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$      | Н             |
| <b></b>  | 36          | <del>l(</del> -                                  | <del>                                     </del> | -        | -             | <u> </u> | $\vdash$     | $\vdash$     | -             | -             |
| <b></b>  | 37          | ╨  | -  | H        | ⊢             | Ь        | ├            | -            | $\vdash$      | Н             |
| <del>                                     </del> | 38          | -  | -  | $\vdash$ | -             | -        | $\vdash$     | ├─           | $\vdash$      | Н             |
| <del> </del>                                     | 39          | <del>                                     </del> | $\vdash$   | $\vdash$ | ┝             | ├──      |              | ╁            | $\vdash$      | $\vdash$      |
| <b>—</b>   | 40          | H  | $\vdash$   | $\vdash$ |               |          |              | <del> </del> | _             | Н             |
| Ι  | 41          | 1  |  | $\vdash$ | $\vdash$      | М        |              | T            | $\vdash$      | H             |
|  | 42          | Г  |  | <u> </u> | <u> </u>      | ┪        | $\vdash$     | ⇈            |               | Н             |
|  | 43          | Γ  |  |          |               |          |              | ┌            |               | П             |
|  | 44          | Г  |  |          | Г             |          | Г            | <u> </u>     |               |               |
|  | 45          | Γ  |  |          | Г             |          | Г            |              | Г             | П             |
|  | 46.         |  |  |          |               |          |              |              |               |               |
|  | 47          |  |  |          |               |          |              |              |               |               |
|  | 48          |  |  |          |               |          |              |              |               |               |
|  | 49          |  | 匚  |          |               |          |              |              |               |               |
|  | 50          | Г  | <u> </u>   |          |               |          |              |              |               |               |

| Cla   | im       | Γ.           |              |            | ·             | Date     |          |          |          |               |
|-------|----------|--------------|--------------|------------|---------------|----------|----------|----------|----------|---------------|
|       |          | $\vdash$     | _            |            |               | -        | <u> </u> | _        |          | $\overline{}$ |
| Final | Original |              |              |            |               |          |          |          |          |               |
|       | 51       | _            | <u> </u>     |            | -             |          | -        | -        | $\vdash$ | L             |
|       | 52       |              | <u> </u>     | H          | H             |          |          | _        | ⊢        | -             |
|       | 53       |              | -            | ⊢          | $\vdash$      |          | $\vdash$ | _        | ⊢        | -             |
|       | 54       | $\vdash$     | ┡—           | <u> </u>   | $\vdash$      | _        | <u> </u> | <u> </u> | ⊢        | <u> </u>      |
| -     | 55       |              | <del> </del> | H          | $\vdash$      |          | -        | _        | H        |               |
|       | 56       | -            | ┝            | H          | -             |          | -        | -        | $\vdash$ | -             |
| _     | 57       | $\vdash$     | ⊢            | $\vdash$   | H             | -        | ⊢        | $\vdash$ | H        | _             |
|       | 58       | -            | ├            | -          | $\vdash$      | Н        | $\vdash$ | _        | -        | -             |
|       | 59       |              | -            | -          | $\vdash$      | -        | $\vdash$ | _        | H        | _             |
|       | 60       |              | $\vdash$     | $\vdash$   |               | -        | $\vdash$ |          | -        |               |
|       | 61       | -            | ├─           | -          | -             | -        | -        | -        | -        | -             |
|       | 62       | -            | -            | $\vdash$   | -             |          | $\vdash$ |          | -        | -             |
| ·     | 63       |              |              |            |               | -        | -        | _        |          | $\vdash$      |
|       | 64       |              | $\vdash$     |            |               | _        | $\vdash$ | _        |          | _             |
|       | 65       |              | _            |            |               | Т        | $\vdash$ | $\vdash$ | Н        | ┢             |
|       | 66       | -            |              |            |               | _        | 1        | $\vdash$ |          | Н             |
|       | 67       | Т            |              | П          |               | _        | _        |          |          | Т             |
|       | 68       |              |              |            |               | $\Box$   | Г        | Г        |          |               |
|       | 68<br>69 |              |              |            |               |          |          |          |          |               |
|       | 70       |              |              |            |               |          |          |          |          |               |
|       | 71       | L            |              |            |               |          |          |          |          |               |
|       | 72       | _            |              | L          | Щ             | L        |          | L        |          | L             |
|       | 73       | L_           | L.           | ļ.,        | _             | _        | <u> </u> | <u> </u> |          | <u> </u>      |
|       | 74       | H            | $\vdash$     | ┡          | L.            | ⊢        | _        | <u> </u> | _        | _             |
|       | 75<br>76 | <u> </u>     | -            | -          | -             | -        | -        | ┝        | H        |               |
|       | 77       | ├            | -            |            | -             | ├─       | -        | ├        | -        | ├─            |
|       | 78       | -            |              | <b>-</b>   | _             | ┝        | $\vdash$ | $\vdash$ |          | ┢             |
|       | 79       | $\vdash$     |              | _          | $\overline{}$ | $\vdash$ |          | ┢        |          | _             |
|       | 80       |              |              | П          |               |          |          | Г        |          | _             |
|       | 81       |              |              |            |               |          |          |          |          |               |
|       | 82       |              |              |            |               |          |          |          |          |               |
|       | 83       |              |              |            |               |          |          |          |          |               |
|       | 84       | L            | _            | L          |               | ᆫ        |          | _        |          |               |
|       | 85       | <u> </u>     |              |            |               | <u> </u> | Ь.       | <u> </u> | L        | Ļ.,           |
|       | 86       | <u> </u>     | <u> </u>     | L          | _             | <u> </u> | <u> </u> | <u> </u> | _        | <u> </u>      |
|       | 87       | <u> </u>     |              | _          | -             | ├        | <u> </u> | <u> </u> | L        | _             |
|       | 88<br>89 | ┝            | $\vdash$     | H          | H             |          | <u> </u> | <u> </u> | -        | ⊢             |
|       | 90       | <u> </u>     | -            | ⊢          | $\vdash$      | ┝        | ├        | ├        |          | -             |
|       | 91       |              | -            |            | -             | ┝        | $\vdash$ | H        | Н        | $\vdash$      |
|       | 92       | <del> </del> | -            | -          | _             | -        | ┢─       | ┢─       | $\vdash$ | -             |
|       | 93       | Н            |              | Н          |               |          | $\vdash$ | ┢        | Т        | Ι             |
|       | 94       |              |              | Г          |               |          | Г        | П        |          |               |
|       | 95       |              |              |            |               |          |          |          |          |               |
|       | 96       |              |              |            |               |          |          |          |          |               |
|       | 97       |              | L_           | L.,        |               | L        | _        | _        | Ш        |               |
|       | 98       | L.           | <u> </u>     | ╙          | <u> </u>      | <u> </u> | <b> </b> | L.,      | $\vdash$ | $\vdash$      |
|       | 99       | <u> </u>     | $\vdash$     | <b> </b> - | <b>-</b>      | <u> </u> | <b>-</b> | <u> </u> | $\vdash$ | ⊢             |
|       | 100      |              | L            |            | L             |          | Ŀ.       | L.       | L        | l             |

| Cl    | aim        |          |          | _        | _            | ate      | •              |          | _  |          |
|-------|------------|----------|----------|----------|--------------|----------|----------------|----------|--|----------|
| Final | Original   |          |          |          |              |          |                |          |  |          |
|       | 101        |          | _        |          |              |          |                |          |  |          |
|       | 102.       |          |          |          |              |          |                |          |  |          |
|       | 103        |          |          |          |              |          |                |          |  |          |
|       | 104        |          |          |          | L            |          |                |          | L  | Ш        |
|       | 105        |          | _        | _        |              |          |                | Ľ        |  | Ш        |
|       | 106        | _        |          | L        |              | _        | Ш              |          | ш  | Щ        |
|       | 107        | -        | <u> </u> | ├        | ļ            | _        | $\blacksquare$ | _        | Н  | Н        |
|       | 108<br>109 |          | -        | -        | $\vdash$     | _        |                | ┝┈       | ⊢  | Н        |
| _     | 110        | $\vdash$ | ⊢        | $\vdash$ | $\vdash$     |          |                | <u> </u> | ┝  | $\vdash$ |
|       | 111        | $\vdash$ | -        | $\vdash$ | H            | $\vdash$ | _              | $\vdash$ | $\vdash$   | Н        |
|       | 112        | _        | _        | -        | $\vdash$     | _        | -              | _        | -  | Н        |
|       | 113        |          | Г        | Г        | М            | _        | _              |          | Ι-   | М        |
|       | 114        |          |          |          |              |          |                |          |  |          |
|       | 115        |          |          |          |              |          |                |          |  |          |
|       | 116        |          |          | L        |              |          |                |          |  |          |
|       | 117        |          | _        | <u> </u> | L.,          |          | _              | Щ        | L_   | Ш        |
|       | 118        |          | <u> </u> | _        |              |          | Щ              | L        | <u> </u>   |          |
| ·     | 119        | <u> </u> | ļ        | <u> </u> | _            | _        |                | -        | <u> </u>   | Н        |
|       | 120        | _        | -        | -        |              |          | -              | -        | -  | Н        |
|       | 121<br>122 | _        |          | ┝        | $\vdash$     |          | <u> </u>       | -        | <del> -</del>                                    | Н        |
|       | 123        |          | ⊢        | ⊢        | Н            | -        | H              | $\vdash$ | ├  | Н        |
|       | 124        | H        | ┢        | ┢        | Н            | $\vdash$ | Н              | Н        | $\vdash$   | H        |
|       | 125        | $\vdash$ | ┝        |          |              |          | $\vdash$       | _        | <del>                                     </del> | Н        |
|       | 126        |          |          |          |              |          |                |          |  |          |
|       | 127        |          |          |          |              |          |                |          |  |          |
|       | 128        |          |          |          |              |          |                |          |  |          |
|       | 129        | ļ        |          | _        | _            |          |                |          |  | Ш        |
|       | 130        | _        | _        | _        | _            |          | _              |          | L  |          |
|       | 131        | H        | _        | <u> </u> |              |          | <u> </u>       | _        | <u> </u>   | Н        |
|       | 132<br>133 | H        | <u> </u> | <u> </u> | <del> </del> |          | _              | $\vdash$ | ┝  | -        |
|       | 134        | -        | ⊢        | ├        | <del> </del> | _        | -              | $\vdash$ | ┝  | -        |
| -     | 135        | ┢╾       |          | ┢        |              |          | -              |          | -  | H        |
|       | 136        | -        | ⊢        | $\vdash$ | -            | _        | ┢              | -        | $\vdash$   | Н        |
|       | 137        | -        | _        |          |              | _        | _              | $\vdash$ | <del> </del>                                     | $\vdash$ |
|       | 138        |          |          | $\vdash$ | П            |          |                |          |  |          |
|       | 139        |          |          |          |              |          |                |          |  |          |
|       | 140        | Ш        |          |          |              |          |                |          |  |          |
|       | 141        | Ш        | _        | _        |              |          | L.,            |          | <u> </u>   | Щ        |
|       | 142        | $\vdash$ | <u> </u> | L        |              | <u> </u> | L              | $\vdash$ | $\vdash$   | $\vdash$ |
|       | 143        | Ш        | <u> </u> | ├-       | Н            |          | $\vdash$       | -        | <u> </u>   | $\vdash$ |
|       | 144        | ├─       | -        | -        | H            |          | ├-             | <u> </u> |  | $\vdash$ |
|       | 145        | $\vdash$ | $\vdash$ | $\vdash$ | Н            | H        | H              | $\vdash$ | $\vdash$   | $\vdash$ |
|       | 147        |          | ├        | -        | -            | ┝        | -              |          | -  | $\vdash$ |
|       | 148        | Н        | $\vdash$ | $\vdash$ | ┪            | ┢╌       | 一              | $\vdash$ | $\vdash$   | Н        |
|       | 149        | Г        | Г        | T        |              | Г        | Т              | Г        | _  | П        |
| _     | 150        |          |          |          |              |          | T              |          |  |          |
|       |            |          |          |          | •            | _        |                |          | _  |          |